

Title (en)

NOVEL AUREOBASIDIUM SP. MICROORGANISMS, METHOD FOR PREPARING ERYTHRITOL WITH THE SAME

Publication

**EP 0262463 B1 19930310 (EN)**

Application

**EP 87113002 A 19870905**

Priority

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- JP 21066986 A 19860909

Abstract (en)

[origin: EP0262463A2] Biologically pure culture of Aureobasidium sp. SN-124A strain (FERM BP-1429) and artificial mutants thereof according to the present invention show the properties of forming and accumulating erythritol in a culture solution, when aerobically cultured on a liquid culture medium containing an assimilable carbon source and as assimilable nitrogen source, and are useful for the preparation of erythritol by fermentation of sugars. A method for preparing erythritol by fermentation of sugars according to the present invention comprises inoculating microorganism selected from the group consisting of Aureobasidium sp. SN-124A strain (FERM BP-1429) and mutants thereof on a liquid culture medium of pH 4 to 9 containing an assimilable carbon source and an assimilable nitrogen source, and aerobically culturing them at a temperature of 30 to 38 DEG C to form and accumulate erythritol in said culture medium for collection.

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IPC 8 full level

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CPC (source: EP KR US)

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Cited by

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